PROA Processos Administrativos e-Gov
26807000010634

samae
Serviço Autônomo Municipal de Água e Esgoto — Caxias do Sul

Obra
SES São Giácomo - Panazzolo - Serrano - Não Desonerado

Bancos
SINAPI - 04/2026 - Rio Grande do Sul

B.D.I.
24,1%

Encargos Sociais
Não Desonerado: 0,00%

Cronograma Físico e Financeiro

Item	Descrição	Total Por Etapa	30 DIAS	60 DIAS	90 DIAS	120 DIAS	150 DIAS	180 DIAS	210 DIAS	240 DIAS	270 DIAS	300 DIAS	330 DIAS	360 DIAS	390 DIAS	420 DIAS	450 DIAS	480 DIAS	510 DIAS	540 DIAS
1	CANTEIRO DE OBRAS E ADMINISTRAÇÃO	100,00%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		2.491.367,88	138.270,92	138.270,92	140.762,29	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92	138.270,92
2	SÃO GIÁCOMO	100,00%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		213.148,38	15.218,79	15.218,79	15.218,79	15.218,79	15.261,42	15.261,42	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79				
2.1	SERVIÇOS TÉCNICOS PRELIMINARES	100,00%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		213.148,38	15.218,79	15.218,79	15.218,79	15.218,79	15.261,42	15.261,42	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79	15.218,79				
3	ESCAVAÇÃO, BOTA-FORA E ESCORAMENTO	100,00%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		2.367.575,02	169.044,86	169.044,86	169.044,86	169.044,86	169.518,37	169.518,37	169.044,86	169.044,86	169.044,86	169.044,86	169.044,86	169.044,86	169.044,86	169.044,86				
4	TRANSPORTE E ASSENTAMENTO DE TUBULAÇÕES	100,00%	7,14%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		527.284,25	37.648,10	37.648,10	37.648,10	37.648,10	37.648,10	37.753,55	37.753,55	37.648,10	37.648,10	37.648,10	37.648,10	37.648,10	37.648,10	37.648,10				
5	REATERRO E COMPACTAÇÃO DE VALAS	100,00%	7,14%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		2.373.657,61	169.479,15	169.479,15	169.479,15	169.479,15	169.479,15	169.953,88	169.953,88	169.479,15	169.479,15	169.479,15	169.479,15	169.479,15	169.479,15	169.479,15				
6	INSPEÇÕES TUBULARES E POÇOS DE VISITA	100,00%	7,14%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		197.098,71	14.066,42	14.066,42	14.066,42	14.066,42	14.066,42	14.105,82	14.105,82	14.066,42	14.066,42	14.066,42	14.066,42	14.066,42	14.066,42	14.066,42				
7	REMOÇÃO E RECOMPOSIÇÃO DE PAVIMENTOS	100,00%	7,14%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		2.148.911,87	153.432,31	153.432,31	153.432,31	153.432,31	153.432,31	153.862,09	153.862,09	153.432,31	153.432,31	153.432,31	153.432,31	153.432,31	153.432,31	153.432,31				
8	SERVIÇOS COMPLEMENTARES	100,00%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%	7,16%	7,16%	7,14%	7,14%	7,14%	7,14%	7,14%	7,14%				
		245.440,89	17.524,48	17.524,48	17.524,48	17.524,48	17.524,48	17.524,48	17.573,57	17.573,57	17.524,48	17.524,48	17.524,48	17.524,48	17.524,48	17.524,48				
9	PANAZZOLO	0,00%																		
		3.788.885,30																		
9.1	SERVIÇOS TÉCNICOS PRELIMINARES	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		329.623,25	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.623,71	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09	18.294,09
9.2	ESCAVAÇÃO, BOTA-FORA E ESCORAMENTO	100,00%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,50%	5,55%	5,55%	5,50%	5,55%	5,55%	5,55%	5,55%
		3.459.262,05	195.448,31	191.989,04	191.989,04	191.989,04	191.989,04	191.989,04	191.989,04	195.448,31	191.989,04	191.989,04	190.259,41	191.989,04	191.989,04	190.259,41	191.989,04	191.989,04	191.989,04	191.989,04
10	TRANSPORTE E ASSENTAMENTO DE TUBULAÇÕES	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		875.544,91	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	49.468,29	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74	48.592,74
11	REATERRO E COMPACTAÇÃO DE VALAS	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		3.299.573,33	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	186.425,89	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32	183.126,32
12	INSPEÇÕES TUBULARES E POÇOS DE VISITA	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		322.287,23	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	18.209,23	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94	17.886,94
13	REMOÇÃO E RECOMPOSIÇÃO DE PAVIMENTOS	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,60%	5,55%	5,55%	5,55%	5,55%	5,50%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		4.431.657,71	245.957,00	245.957,00	245.957,00	245.957,00	245.957,00	250.388,66	248.172,83	245.957,00	245.957,00	245.957,00	245.957,00	243.741,17	245.957,00	245.957,00	245.957,00	245.957,00	245.957,00	245.957,00
14	SERVIÇOS COMPLEMENTARES	100,00%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,65%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%	5,55%
		362.131,64	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.460,44	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31	20.098,31
15	SERRANO	0,00%																		
		140.619,41																		
15.1	SERVIÇOS TÉCNICOS PRELIMINARES	100,00%															25,00%	25,00%	25,00%	25,00%
		140.619,41															35.154,85	35.154,85	35.154,85	35.154,85
16	ESCAVAÇÃO, BOTA-FORA E ESCORAMENTO	100,00%															25,00%	25,00%	25,00%	25,00%
		859.179,79															214.794,95	214.794,95	214.794,95	214.794,95
17	TRANSPORTE E ASSENTAMENTO DE TUBULAÇÕES	100,00%															25,00%	25,00%	25,00%	25,00%
		146.773,28															36.693,32	36.693,32	36.693,32	36.693,32
18	REATERRO E COMPACTAÇÃO DE VALAS	100,00%															25,00%	25,00%	25,00%	25,00%
		786.093,71															196.523,43	196.523,43	196.523,43	196.523,43
19	INSPEÇÕES TUBULARES E POÇOS DE VISITA	100,00%															25,00%	25,00%	25,00%	25,00%
		56.224,85															14.056,21	14.056,21	14.056,21	14.056,21
20	REMOÇÃO E RECOMPOSIÇÃO DE PAVIMENTOS	100,00%															25,00%	25,00%	25,00%	25,00%
		100.146,27															25.036,57	25.036,57	25.036,57	25.036,57
21	SERVIÇOS COMPLEMENTARES	100,00%															25,00%	25,00%	25,00%	25,00%
		157.543,05															39.385,76	39.385,76	39.385,76	39.385,76
22	TRAVESSIA AÉREA	100,00%																50,00%	50,00%	
		347.827,87																173.913,94	173.913,94	
23	FORNECIMENTO DE MATERIAIS	100,00%	1,00%	1,00%	2,00%	5,00%	5,00%	5,00%	5,00%	8,00%	9,00%	9,00%	9,00%	9,00%	9,00%	7,00%	7,00%	3,00%	3,00%	3,00%
		1.404,41	14,04	14,04	28,09	70,22	70,22	70,22	70,22	112,35	126,40	126,40	126,40	126,40	126,40	98,31	98,31	42,13	42,13	42,13
Porcentagem			**5,5%**	**5,49%**	**5,5%**	**5,49%**	**5,49%**	**5,51%**	**5,52%**	**5,51%**	**5,49%**	**5,49%**	**5,49%**	**5,48%**	**5,49%**	**5,48%**	**5,43%**	**6,1%**	**6,1%**	**5,43%**
Custo			**1.444.102,77**	**1.440.643,51**	**1.443.148,92**	**1.440.699,69**	**1.441.215,83**	**1.446.696,86**	**1.447.643,17**	**1.444.572,46**	**1.440.755,86**	**1.440.755,86**	**1.440.263,91**	**1.438.540,04**	**1.440.755,86**	**1.438.998,15**	**1.425.958,76**	**1.599.816,52**	**1.599.816,52**	**1.425.902,58**
Porcentagem Acumulado			**5,5%**	**10,99%**	**16,49%**	**21,98%**	**27,48%**	**32,99%**	**38,51%**	**44,01%**	**49,5%**	**54,99%**	**60,48%**	**65,96%**	**71,45%**	**76,94%**	**82,37%**	**88,47%**	**94,57%**	**100,0%**
Custo Acumulado			**1.444.102,77**	**2.884.746,28**	**4.327.895,20**	**5.768.594,89**	**7.209.810,72**	**8.656.507,58**	**10.104.150,75**	**11.548.723,21**	**12.989.479,07**	**14.430.234,93**	**15.870.498,84**	**17.309.038,88**	**18.749.794,74**	**20.188.792,89**	**21.614.751,65**	**23.214.568,17**	**24.814.384,69**	**26.240.287,37**